

AMERICAN CHEMICAL SERVICES NPL SITE  
GRIFFITH, INDIANA  
SITE SUMMARY AS OF February 25, 1991

SITE HISTORY

The American Chemical Services NPL site was listed on the National Priorities List (NPL) in September 1984. The ACS site contains a RCRA "interim status" facility currently undergoing closure proceedings overseen by the Indiana Department of Environmental Management. When it operated the facility accepted various hazardous materials, primarily spent solvents, for distillation and eventual resale. The ACS site is composed of three landfilled areas: the "on-site containment area"; the "off-site containment area"; and the village of Griffith municipal landfill. The two containment areas contain numerous buried drums and sludges derived from ACS processes, and contain non-recyclable materials transported to ACS by its customers all during the period from 1955 until 1975. It is reported that the Village of Griffith landfill may have been used by ACS and others for the disposal of various hazardous substances. Other areas at the site include the Kapica Drum area (located outside the operating portion of the facility) and a buried still bottoms pond (located inside the operating facility). Kapica Drum encompasses approximately two acres and formerly housed a drum reclaiming operation which was known to discharge the contents of drums primarily taken from ACS, directly to the ground surface. A consent order to perform a RI/FS was signed by approximately 150 former customers of ACS as potentially responsible parties (PRPs) on June 28, 1988. Site work began in late June 1989. The USEPA recently issued a RCRA complaint against ACS, which resulted in a Consent Decree ordering ACS to either comply with RCRA financial assurance regulations by early September 1990, or close the facility. As a result of the decree, ACS ceased accepting hazardous wastes as of September 5, 1990. ACS submitted their hazardous waste closure plan to the Indiana Department of Environmental Management on October 5, 1990 per the federal consent decree. The ACS facility closure plan is currently under review by IDEM. ACS is currently operating as a chemical production facility but can no longer accept hazardous waste materials.

CURRENT CLEANUP STATUS

Phase I of the RI was completed in early December 1989, with the submittal of technical memoranda to USEPA by the PRPs contractor. Phase I results showed highly contaminated soils in the Kapica Drum area, highly contaminated groundwater underlying most areas of the site, and large volumes of hazardous waste materials within the on-site and off-site containment areas. Phase II RI field work concentrated on determining the extent of groundwater contamination, sampling of residential wells, delineating the volume of highly toxic hazardous substances in the waste burial areas (e.g., PCBs), delineating site wetlands, delineating sediment and surface water contamination, and the extent of waste burial. A limited third phase of site work is currently ongoing. The purpose of which is to delineate portions of the existing groundwater contamination at the site. Both deep aquifer and shallow aquifer wells are expected to be installed to ensure that contamination has not progressed to a large degree off-site. The RI Report will discuss the findings of Phases I, II and III.

ENVIRONMENTAL SITUATION

Large tracts of wetlands border the site to the west, southwest, north, and east. Sediment samples have been taken to assess the impact the site has had on these areas. Two aquifers underlie the site, and are separated by a highly impermeable clay layer that averages 10 feet thick throughout. The upper aquifer, which averages 12 feet in thickness, is heavily contaminated with benzene, xylene, toluene, and chloroethane. Lesser concentrated substances in the upper aquifer include: methylene chloride, phenols, various semi-volatile compounds and trace PCBs near one source area. Upper aquifer groundwater appears to discharge to nearby wetland areas and surface water features, but the amount of environmental impact this presents is as yet unknown, since the Ecological and Risk Assessments have not been completed. Preliminary data shows the lower aquifer to be contaminated on-site, however, residential wells screened in the deep aquifer near the site have not been impacted.

PROPOSED SCHEDULE

Due to difficulties in scheduling, the submittal of the draft RI report to USEPA was delayed from September 7, until November 1990. A second draft of the RI report which will include the Ecological and Risk Assessments, is expected to be completed by February 1991. Phase III data is expected by late February 1991. The FS report is due to USEPA by late March 1991. A Record of Decision has been scheduled for the end of June 1992. All dates are currently projected and do not account for unforeseen site complexities.



RESPONDENTS TO THE RI/FS CONSENT ORDER

3M Company  
 AMD Industries  
 Abbott Labs  
 Acme Printing  
 Acme Steel  
 Adheron Coatings  
 Aigner Products  
 Allied Signal  
 Amerace Corp.  
 American National Can  
 American Roller Co.  
 Ashland Chemical  
 Ashland Petroleum  
 Atlas Electric Device  
 Auburn Diecast Corp.  
 Bagcraft Corp. of Am.  
 Ball Corp.  
 Baxter Healthcare  
 Bennett Industries  
 Borg-Warner Corp.  
 Breuer Electric Mfg.  
 Breve Corp.  
 Brunswick Corp.  
 Burwood Products  
 C.P. Hall Co.  
 CSX Transportation  
 CTS Corp.  
 Ceco Corporation  
 Champion Internatl  
 Chase Products  
 Chicago Adhesive  
 Chicago Loop Auto-  
 Refinishing Inc.  
 Chicago Rotoprint  
 Coca-Cola Foods  
 Continental Can  
 Cudner & O'Connor Co  
 DAP, Inc.  
 Daubert Chemical Co.  
 DeMert & Dougherty  
 Denniston, Ltd.  
 DeSoto, Inc.  
 Dietzgen Corp.  
 DiversiTech General  
 Dixline Corporation  
 Dreeblan Paint Co.  
 E.I. DuPont  
 Eli Lilly & Company  
 Ericsson Inc.  
 Exacto Products  
 Federal Paper Board  
 Flint Ink Corp.  
 Fort Dearborn-  
 Lithograph  
 Freeman Chemical  
 G.D. Searle & Co.  
 GCA Corp  
 Gast Manufacturing  
 General Am.Trnsprtn  
 General Electric  
 General Motors  
 Glidden Company  
 Great Lakes Terminal Trnsprt Corp.  
 Hitco  
 Hugh J. McLaughlin  
 Hydrite Chemical  
 Hydrosol, Inc.  
 Illinois Bronze Paint

Industrial Coatings  
 Insilco Corp.  
 Intl Minerals &Chem  
 International Shoe  
 J.T. Clark  
 James River Corp.  
 John Crane, Inc.  
 KMS Companies  
 Kencote Laminations  
 Knowles Electronics  
 Lake Salvage, Inc.  
 Littlefuse, Inc.  
 Lockformer, Co.  
 Mallinckrodt, Inc.  
 Manta Vincor Steel  
 Martin Marietta Corp.  
 Matthews Paint Co.  
 Midland Div of Dexter Milton  
 Bradley Co.  
 Mobil Oil Corp.  
 Mortell Co.  
 Morton Thiokol  
 Motorola, Inc.  
 Niles Chemical Paint  
 Nutrasweet Co.  
 O'Brien Corp.  
 Occidental Chemical  
 Owens-Corning Fiberglass  
 PPG Industries  
 Packaging Corp of Am Packard  
 Instrument  
 Peacock Colors, Inc.  
 Pelron Corp.  
 Phillips & Martin  
 Pioneer Paint Prdcts  
 Plicon Corp.  
 Pratt & Lambert  
 Precision Brand Prdts  
 Premier Coatings Inc.  
 Primerica Corp.  
 R.R. Donnelly & Sons  
 Redson Rice Corp.  
 Refiners Trnspt Reichold Chemicals  
 Reliable Paste & Chem  
 Revere Copper & Brass  
 Rogers Cartage Co.  
 Rollprint Packaging  
 Roy Strom Refuse Removal Service,  
 Inc  
 Rust-oleum Corp.  
 S.C. Johnson & Son  
 Safety Kleen  
 St. Clair Mfg. Co.  
 Sherwin Williams Co.  
 Sinclair & Valentine  
 Smith Victor Corp.  
 Standard T. Chemical  
 Starcraft Co.  
 Stepan Company  
 Sterling Engrd Prdcts  
 Stuart Indstrl Coatng  
 Sullivan Varnish  
 T.L. Swint Indstr  
 Technical Products  
 Teepak, Inc.  
 Teledyne Post  
 Texaco Inc.

Thiele-Engdahl  
 Tingstol Co.  
 USX Corp.  
 Union Carbide  
 Union Oil  
 Union Tank Car  
 Uniroyal Plastics  
 United Technologies  
 V.J. Dolan  
 Valspar  
 Varn Products  
 Velsicol Chem.  
 W.C. Richards Co.  
 Western Publishing  
 Westinghouse Electric  
 Whirlpool Corp.  
 Whiteco Industries  
 Witco Chemical  
 Worum Fiberglass Supply  
 Zenith Electronics

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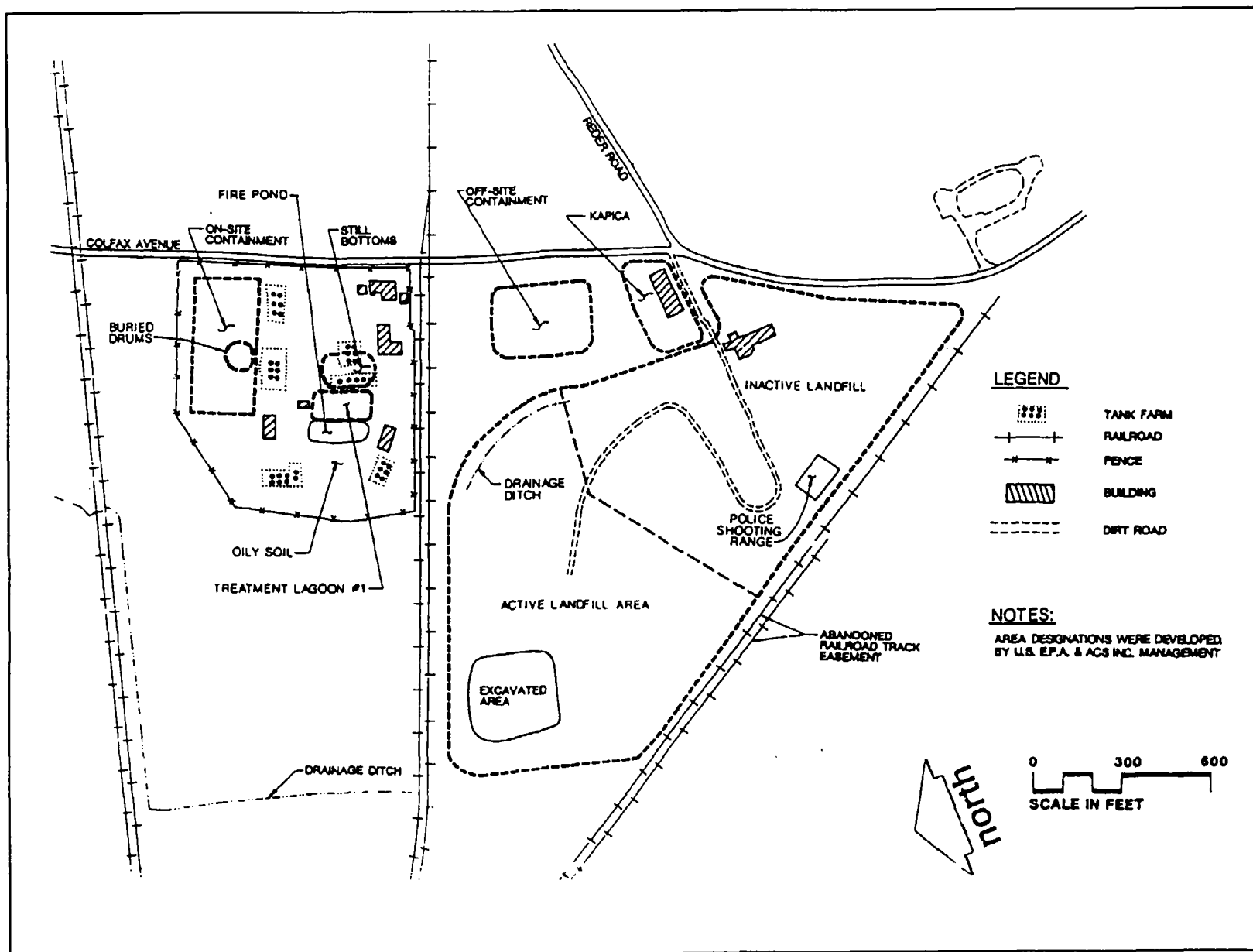
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ACS SITE LAYOUT